

Intel® Celeron™ Processor Development Kit For Applied Computing

Product Highlights

Evaluation Board

- On-Board Post Code Debugger (Port 80)
- Memory:
 - 32 MB SDRAM
 - 2 Slots
- Flash System BIOS ROM
- 82371AB PCI to ISA/IDE Xcelerator (PIIX4E)

Included Hardware

- 3.2-Gbyte hard disk drive pre-loaded with the QNX Real Time Operating System*
- PCI video graphics adapter using the CHIPS* 69000 HiQVideo* Accelerator

Board Peripheral Features

- SMC FDC37B8X Super I/O w/Integrated Keyboard Controller and RTC
- Support for 2 IDE Interface
- Support for Floppy Drive

User Accessible On-Board Connectors

- Two Serial RS-232 Ports; COM1, COM2
- Supports PS/2 Keyboard and PS/2 Mouse (6-pin mini-DIN)
- 1 AGP slot
- Standard ATX Power Supply Connector
- One EPP/ECP Parallel Port (DSUB 25)
- 3 Standard PCI Expansion Slots
- 2 ISA Expansion Slots
- 2-USB Ports



Description

The Celeron™ Processor Development Kit is designed for use for applied computing applications. Applied Computing refers to market segments consisting of systems designed and marketed to be connected, high-performance, dedicated applications that enhance business information systems on the Internet/intranet.

The kit is intended for use with processors based on the 440BX chip set. The development kit consists of an evaluation board, an interposer board for the processor, technical collateral and demonstration software designed to work in different application development environments. This kit enables simpler hardware designs and can accelerate the product evaluation time.

Software Overview

The kit includes an assortment of application development environments. The software applications in the kit are demonstration copies provided free of charge by the vendors. The software is licensed for evaluation purposes only. Some vendors require customers to call and register to obtain a temporary license key in order to activate the software. Some of the features and documentation are available only when you purchase the full production product and may not be found in the demonstration copies contained in the kit. Software in the kit is subject to change without notice. Please contact the vendors directly for specific details pertaining to revision changes.

Evaluation Software

Real Time Operating System	QNX RTOS & Photon micro-GUI* windowing system
Real Time OS Extensions to Windows* CE	Annasoft Systems* CE Launcher
Real Time OS Extensions to Windows* NT	VenturCom RTX* with Component Integrator*

Note: For O/S Extensions to Windows*, customers must have their own licensed copy of Windows.

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BIOS

General™ SOFTWARE's EMBEDDED BIOS™

Operating System Support:

- Boots Windows 95/NT, OS/2 from disk
- Boots Windows CE from disk or ROM
- Boots DOS from disk or ROM
- Boots RT kernels, real or prot. Mode

Other Features:

- Comprehensive setup screen system
- Console redirection
- Manufacturing Mode
- In-place BIOS reflashing

Supported Processor Key Features

Intel® Celeron™ Processor 366 MHz

- 66 MHz multi-transaction system bus with L2 cache interface
- 370 pin PPGA
- Intel® MMX™ media enhancement technology
- 128 Kbytes integrated L2 cache
- 21.4W maximum active power dissipation
- 440 BX AGPset support

Intel® Celeron™ Processor 433 MHz

- 66 MHz multi-transaction system bus with L2 cache interface
- 370 pin PPGA
- Intel® MMX™ media enhancement technology
- 128 Kbytes integrated L2 cache
- 24W maximum active power dissipation
- 440 BX AGPset support

Product Order Code

CEL366DEVKIT

Intel® Celeron™ Processor Development Kit @ 366 MHz

CEL433DEVKIT

Intel® Celeron™ Processor Development Kit @ 433 MHz

Contact

Local Intel Sales Office or Distributor on the World Wide Web at <http://developer.intel.com>

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General Information Hotline	(800) 628-8686 or (916) 356-3104 5 a.m. to 5 p.m. PST

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The Intel® Applied Computing Development Kit is offered for evaluation and reference only. The board and processor may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available upon request.

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For more information, visit the Intel Web site at: developer.intel.com



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